ICARUS essence

User Manual

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Safety Precautions

On the battery

- Charge the battery only in environments with a temperature that ranges from 0 to 35 degree Celsius.
- Do not charge the device if the battery is found to be Damaged or leaking.

On the operation

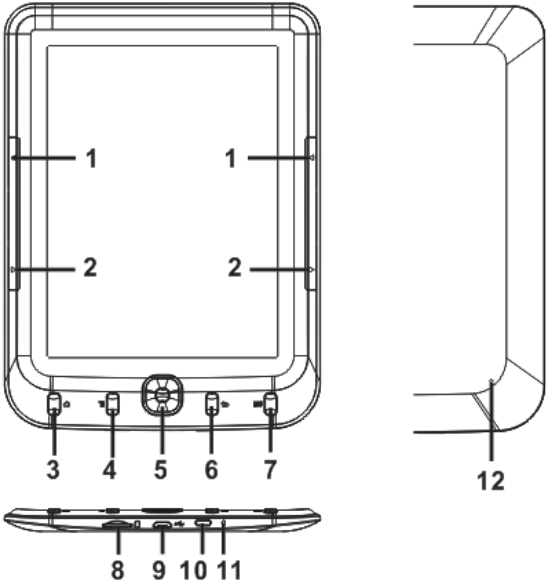
- Never subject the device to extremes of light, temperature, moisture or vibration.
- Do not use or store the device in a location subject to:

A. Extreme high temperature, such as in a sun-heated car
B. Direct sunlight
C. High humidity or places with corrosive substances
D. Sub-zero condition, especially during winter.

On use of a micro SD card

- After inserting a micro SD card, if the device does not respond, please take out and insert again.
- Do not remove a micro SD card or turn off the device during data transfer to prevent damage to the data and to the device.
- Make sure the micro SD card is unlocked before writing or deleting data from the micro SD card.
- Backup your files and data before formatting the micro SD card. Please format the micro SD card in the FAT file system.

Parts and Controls



1. Previous page button

2. Next page button

3. Home button- press to Back to the home screen

4. Menu button- press to display the options menu

5. Directional buttons/ Enter button

-**Directional buttons** – Press the button up/ down/ left/ right to move the cursor

-Enter button – Press to confirm

6. Back button – press once to Back to the previous menu, press and hold to Back to the Main menu.

7. Keyboard button- press to display/hide the keyboard.

8. Memory card slot – insert a micro SD card for more storage

9. Mini USB jack – for data transfer and charging

10. Power button – press and hold for 3 seconds to turn on/off. Press and hold for 3 seconds to wake up from sleep mode.

11. Charging indicator

Powering On and Off the device

- Press and hold the **Power** button for 3 seconds to turn on the device.
- It may take a few moments for the device to turn on and load the content.
- If the device does not turn on, charging is required.
- To turn off the device, press and hold the **Power** button for 3 seconds again.

Charging the device

- You need to charge the device prior to using it for the first time or when battery power is low.
- Charge the device using the optional ICARUS AC USB adapter (sold separately via ICARUSReader.com) or via the computer with the included Micro USB cable.
- Please turn the device to standby mode to shorten the charging process.
- It will take about 4 hours to fully charge the device in standby mode .
- When the device enters into standby mode, press the **Power** button to wake up the device.
- The battery status is displayed at the bottom left corner. The status is shown as below:

Low battery

Charging

Battery full

Importing contents

Via a computer

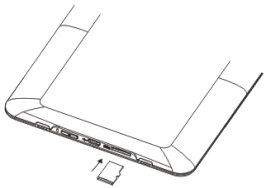
- The device supports the USB Mass Storage Device function.
- To import contents (ebooks, photo etc) on to the device, connect the device to PC via the supplied USB cable.
- Upon successful connection to PC, the device will enter USB mode and all operation will be halted.
- Go to [My Computer], double click on the device's disk to open.
- Perform the file management operation like with any other USB device.

From a memory card

This device supports micro SD cards up to 16GB.

To insert a memory card

Insert the card correctly with the contact pin facing downwards as illustrated below. Pushing the card in, then you should hear a click when the card is fixated correctly. You may damage the card and the device if the micro SD card is not inserted correctly.



To remove the micro SD card, push the card once again until it pops out of the slot and you can remove it by hand.

When the card is inserted or removed, it will take several seconds to load and update the e-reader's library.

Please avoid inserting or ejecting the card when other operations are running as this may cause the system to hang.

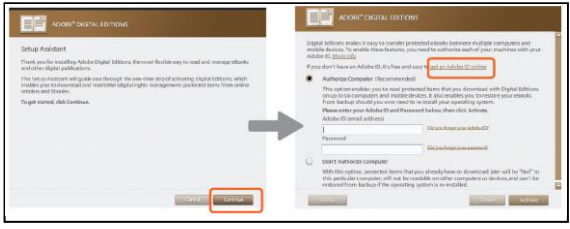
Do not remove the card if the content inside the card is being read. This will halt the operation of the device and cause the device to restart.

Importing DRM Contents

The device supports Adobe DRM contents. Adobe Digital Editions (ADE) is required to copy copy-right protected ebooks to your e-reader. This application is free. We offer installation instructions on ADE, however for detailed questions with regard to this application, we refer you to the Adobe website.

Installing Adobe Digital Editions (ADE)

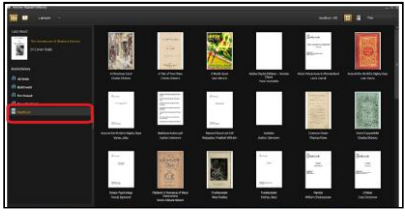
- You can download the installer from http://www.adobe.com/products/digitaleditions/#fp.
- For first time user, you will need to get a free adobe ID from the Adobe website. click on the [get an Adobe ID online] link as illustrated:



- Enter your email address and complete the online form as per instructed.

Authorizing the computer and the device

- Upon registration, Back to the ADE window. Enter the user name and password to activate your Adobe account.
- After activation, connect the device to the computer with the USB cable. ADE will detect the device and you are prompted to authorize the device.
- After authorization, you will be able to find the device recognized in ADE as below. The name of the device is ICARUS. Contents inside the device will be displayed in the right hand window.



- You can now start downloading or buying ebooks from online Ebook stores supporting Adobe DRM.
- Purchased or downloaded ebooks will be stored in [My Digital Editions] in [My Documents].

Transferring DRM ebooks to The device

- From the ADE menu, click on [All Items] on the left hand column.
- Items in [My Digital Editions] will be listed down in the right window.

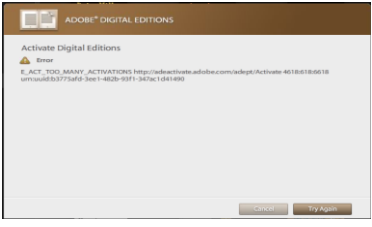
- Select the desired item(s) to be transferred, <Shift> + <Left click> to select multiple files.
- Drag and drop the selected item(s) into the device's Drive located on the last row of the left side column as illustrated below.

Notes For using ADE

Each ADE ID supports only 6 devices, this includes the master device (the e-reader) and the slave device (micro SD card).

When the device is restored to default settings, ALL DRM activation record and data (including DRM books purchased) will be erased from the device. You are required to authorize the device with your ADE ID again.

When the number of authorized device has exceeded the allowable amount, you will come across the following error message:

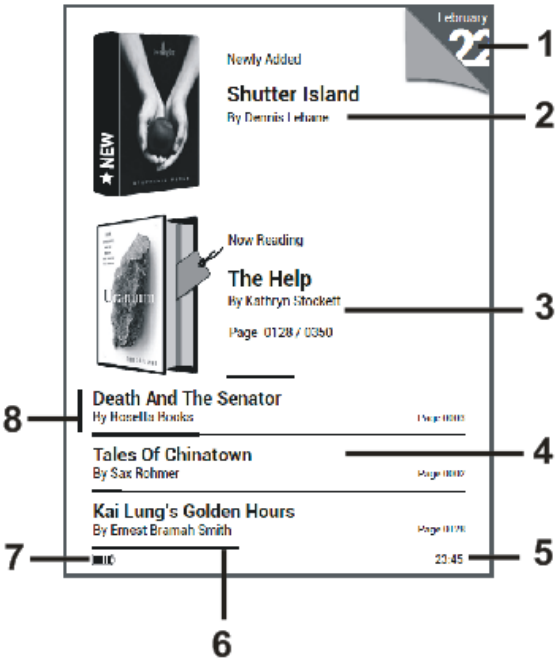


To request for extension and reset of your ADE ID, go to http://www.adobe.com/support/digitaleditions/→ [Submit a web case]. You are required to key in your ADE ID info.

Home screen

When the device is turned on, the Home screen will appear.

- Select the desired book to open. The selected item will be underlined.
- Press the **Home** button anytime to Back to the Home screen.



1. Date
- displays current date, you can set this in the Settings menu

2. Just added
- displays the newly added ebooks

3. Now Reading
- displays the ebook last read, including its book title and the number of the current page/total number of pages. Press the **Enter** button to open the ebook last read on the page where you left off.

4. Reading history
-The recently read ebooks will be saved into the Reading history, you can open these books directly from this Reading history.

5. Time
- displays the current time, you can set this in the Settings menu.

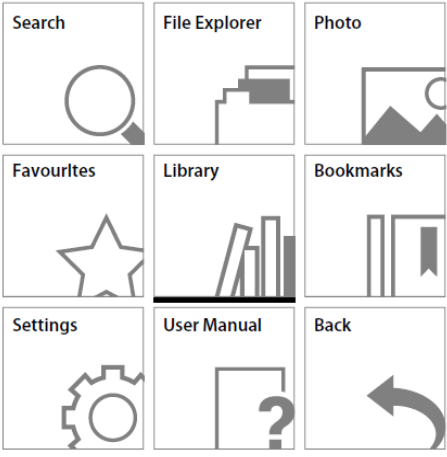
6. Progress bar
- This bar shows the progress in the current book.

7. Battery indicator
-Indicates the battery status during operation.

8. Cursor
-Use the Directional buttons to move the cursor to choose the desired book.

Main menu

On the home screen, press the **Menu** button to display the Main menu.



Press the Directional buttons to select the desired item, then press the **Enter** button to confirm your choice.
To exit from the Main menu, press the **Back** button to exit.

Search for files via the file explorer.

Opens the File Explorer for file management

Opens the image viewer.

Opens the favorite book list.

Opens the book library

Opens the Bookmarks list.

Opens the system settings

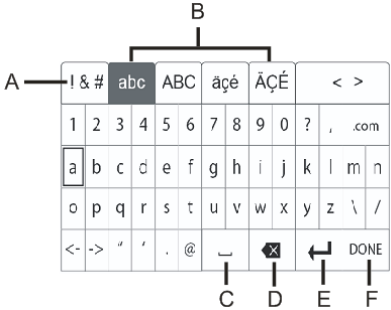
Opens the user manual of the ICARUS essence

Exits to the home screen

Virtual keyboard

Use the virtual keyboard as shown below to enter text.

To enter text, use the directional buttons to select the text on screen keyboard, then press the **Enter** button at the panel.



A. Numeric/punctuation/ symbol key

B. Input method key

C. Space key

D. Backspace key

E. Enter key

F. Done key

Book library

From Main menu, select **Library** to open the book library.

- In the book library, select a book to start reading it.
- Use the Directional-up/down button to scroll through the book list.
- Press the **Page up/down** button to turn pages if there are more books than fit on one screen.
- From the Options menu, select **View by** to change view mode(List/Thumbnail mode).
- This device supports TXT, PDF, ePUB, PDB, FB2, HTML, RTF formats. Adobe DRM content can be opened for PDF and ePub files.

Sorting the book list

- In the book library, books can be sorted by author, title, recently read, newly added, favourite etc..
- Press the **Menu** button, then select **Sort by** to choose a sorting method.
- Select the desired book to start reading.

Search for books in the library

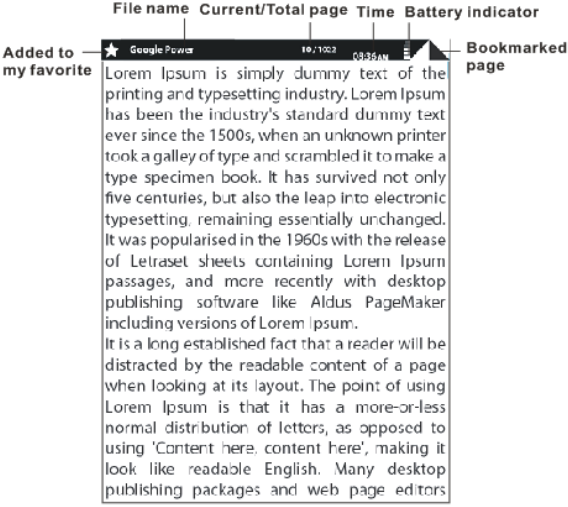
Use the search feature to search for your desired books in the library.

- In the Options menu, select **Search** to display a search bar and the keyboard.
- Type the book name by using the directional buttons and Enter button at the panel, then press the **Enter Button** on the keyboard to confirm.

Note: After typing the book name, you can also press the **Keyboard** button to hide the virtual keyboard, and then press the **Enter** button to start the search.

Reading books

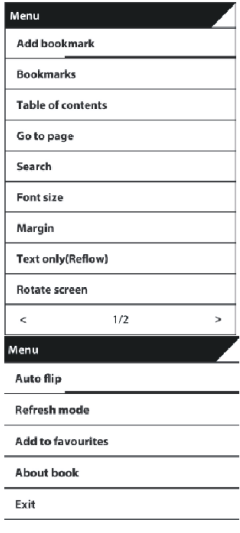
- Books transferred to the device will be saved in the device.
- The device supports eBooks in TXT, PDF, ePUB, PDB, FB2, HTML, RTF, MOBI format.
- From the home screen or book library, use the Directional buttons to move the cursor to select a book and press the **Enter** button to open it.



Page turning
While reading a book, press the **Next page**/**Directional-Right** button to turn to next page. To turn to previous page, press the **Previous page**/**Directional-Left** button.

Using the Options Menu while Reading

While reading a book, press the **Menu** button to display the option menu screen. The option menu will be divided into two pages. Options available:



1. Add Bookmark
2. Bookmarks
3. Table of contents
4. Go to page
5. Search
6. Font size
8. Font type
9. Spacing
10. Margin
11. Reflow Mode
12. Rotate Screen
13. Auto flip
14. Refresh Mode
15. Add to favourite
16. About book

Add Bookmark

From the option menu, select **Add Bookmark** to add a bookmark for the current page of the book you are reading. The icon will appear on the top right corner, indicating a bookmark.

Bookmarks

From the option menu, select **Bookmarks** to open the Bookmark List of the current book.

Table of contents

From the option menu, select **Table of contents** to show the ebook's table of contents.

Go to page

- You can jump to pages using the **Go to Page** option. In the Option Menu, select **Go to Page**.
- In the Go to Page pop-up, enter the page number via the virtual keyboard, then press the **Enter** button to confirm.

Search

From the option menu, select **Search** to search for the desired text throughout the current ebook.
Enter the desired text and press the **Enter** button on the virtual keyboard.

Font Size

- In the option menu, select **Font size** to adjust the font size.
- There are 6 font sizes available: Small, Medium, Large, X-Large, XX-Large, XXX-Large.
- Select the desired font size, then press the **Enter** button to adjust the font size.
- It will take several seconds for the font to be resized for the full ebook.

Font type

- In the option menu, select **Font type** to set the font type of the current ebook. Options available: Default font, Serif.
- Select the desired option, then press the **Enter** button to confirm.

Spacing

- In the option menu, select **Spacing** to set line spacing. Options available: 6 pixel, Small, Medium.

Margin

- In the option menu, select **Margin** to set the page margin. Options available: Small, Medium, Large.

Select the desired option, then press the **Enter** button to confirm.

Reflow mode (For PDF format)

In this mode, you may end up with words printed on top of each other if the replacement text is much longer than the original.

- In the option menu, select **Reflow mode** to reflow text on the current page, options available: On, Off.
- Select the desired option, then press the **Enter** button to confirm.

Rotating Screen

- In the option menu, select **Rotate screen** to change the display orientation
- To Back to original orientation, press **Back** once again.

Auto Flip

- In the option menu, select **Auto Flip** to set Auto Flip mode. In this mode, pages turn automatically at given intervals. The auto flip intervals available are: Disabled, 5 Seconds, 15 Seconds, 30 Seconds, 1 Minute.

- Select the desired option, then press the **Enter** button to confirm.

Refresh mode

You can choose if you want the pages to fully refresh with every page turn (better image quality) or after a number of page turns only (quicker reading, less 'black' screens in between pages).

- In the option menu, select **Refresh mode** to set the refresh mode of this device.
- Options available are: Full refresh, Refresh every 3 pages, Refresh every 5 pages, Exit.
  Select the desired option, then press the **Enter** button to confirm.

Add to Favourites

- You can add books to your Favorite List. In the Option menu, move the cursor to **Add to Favorites** to add the current book to the Favorite List. The ☆ icon will appear on the top left corner.
- To open books from the Favourite List, select **Favourites** in the Main menu.
- To sort books in the Favourite list, press the **Menu** button to select the sorting method.
- To remove a book from the Favouriteslist:
  While reading a page in the book, press the **Menu** button and select **Delete Favorite** from the Option Menu.

About the book

From the option menu, select **About the book** to display information about the book, such as book title, name, author, publisher etc.

About bookmarks

Adding bookmarks

While reading a book, turn to the desired page, open the option menu, select **Bookmark this page** to add bookmark for the current page. The icon will appear on the top right corner.

Opening bookmarks

- In the Main menu, select **Bookmarks** to open the Bookmark List.
- In the Bookmark List screen, select the desired bookmark to open it.

Deleting Bookmarks

To delete a bookmark, do the following:

- In the Bookmark list screen, press the **Menu** button to show an option menu.
- Select Delete, then move the cursor to select the desired items to be deleted.

Viewing pictures

- In the **Main menu**, select **Pictures** to open the Picture viewer.
- In the picture library, press the **Menu** button to set List mode/Thumbnail mode.
- Use the **Directional-up/down** buttons to navigate through the files/folders.
- In the picture library, press the **Directional-Right/Left** or **Page up/down** buttons to turn pages (in case not all pictures fit on one screen).

Opening a picture

- In the picture library, move the cursor to the desired picture, then press the Enter button to view it a full screen display.
- In full screen mode, press the **Directional buttons** / **Page up/down** button to view the previous or next picture.

Using the option menu

In full screen mode, press the **Menu** button to display the option menu.

Zoom in/out Picture

- To zoom in, in full screen mode, press **Menu** → **Zoom** to change to different zoom level.
- To Back to the original size, press the **Back** button and resume normal operation.

Rotate the picture

You can rotate the picture according to your desire.

- In full screen mode, press **Menu** → **Rotate**.
- Each time you press the **Rotate** button, the picture will be rotated by 90 degrees.

Information

- In full screen mode, press **Menu→Information** to display the information about picture name, dimension and file type.

Slideshow

- In full screen mode, press **Menu→ Slideshow** to start.
- From the drop down menu, select slide time to adjust slideshow duration.
- To stop the slideshow, press **Menu→ Slideshow→Off**.
- Press the **Back** button to return to the picture library.

File Explorer

- In the **Main menu**, select **File Explorer** to open the file explorer.
- Press the **Directional-up/down** buttons to scroll through the file list.
- Press the **Page up/down** buttons to turn pages, in case not all folders/files fit in one screen.

Using the option menu

On file list screen, press the **Menu** button to use the option menu.

Searching for files in the file explorer

In the file list, press **Menu** → **Search** to bring up the virtual keyboard.

- Type the book name by using the directional buttons and **Enter** button at the panel, then press the **Enter** button on the keyboard to confirm.

Deleting files

- In the **File Explorer**, select the desired file to be deleted
- Press **Menu** → **Delete** to display a deletion screen, select **Yes** to actually delete. Beware that this step cannot be reversed.

Note: it may take longer time to delete files with big file size and quantity.

Sorting files

You can sort files in both Internal storage and External storage. press **Menu** → **Sort by** to choose a sorting method.

Settings

The settings of your device can be found and adjusted in the Settings menu. To go to the Settings menu:

- Press the **Home** button to open the Home screen
- Press the **Menu** button to open the Main menu
- Select **Settings**

The following settings are available.

Refresh mode

Here you can select if you want the screen to refresh after each page (Full refresh) or after several pages. Full refresh after every page is optimal for viewing, but will be a bit slower than refreshing after several pages.
Select the desired option, then press the **Enter** button to confirm.

Power Settings

To enable/disable auto shutdown/ standby mode, also set the time for the auto shutdown/standby mode.

Device Information

Displays product information about the device, such as Firmware version, Internal/SD card memory status and so on.

Date & Time

To set the clock and date, time
Press the **Directional-left/right** buttons to move the cursor.
Press the **Directional-up/down** buttons to adjust the desired value.
Select **OK** to confirm, select **Cancel** to cancel the setting.

System Language
To set the system language for the device.

Format Device
Formats the device and deletes the data in the device.

Restore default settings
To restore the device's settings to defaults.
All settings will be restored. Meanwhile, all DRM contents and activation info will be deleted.

DRM authorization info
To view DRM authorization information. You are required to authorize the device again through ADE after a system restore.

Troubleshooting

The device is not responding or can't be turned on.

- Reset the device by pressing and holding the power button for 6 seconds. The device will be forced to shutdown if it is on and you are required to restart the device again.
- The battery has been fully depleted. Please charge the device via USB or an optional USB AC Adapter.

Battery Life seems short

- The operating temperature is below 5°C. this is due to the characteristics of the battery and not a malfunction
- The battery is not used for a prolonged period. Please recharge the battery of the device again
- The battery is not fully charged. Please charge the device for at least 4 hours.
- The battery might need to be replaced. Please consult the authorized dealer for service.

A Book cannot be read

- Copyright protected books cannot be read on any device other than the authorized one.
- Check if the book has expired.
- Check if the book format is supported by the device.
- Check if your Adobe Digital Editions are correct on the computer and on the e-reader.

The device cannot be operated during USB connection

- The device cannot be operated while it is connected to PC.
- Eject the device from the computer to resume operation.
- To use the device while charging, click on the [Safely Remove Hardware] icon located on the right lower corner of your computer (Windows) to disconnect the data connection with computer. After the device is safely removed, the computer will only charge the device and you can now resume normal operation with the e-reader.

Maintenance

- Never subject the device to fluids or moist environments, this can lead to malfunctioning of the device.
- If the device does get wet, turn off the device immediately. Wait for the device to dry completely before turning it on again.
- Clean the screen with a soft cloth; be careful not to wipe it with anything abrasive. When carrying your device in a bag, keep the device in the protecting case supplied to avoid scratches.
- If the device needs service, please consult the authorized dealer through the contact information provided in the warranty card. Faulty service may void the warranty.
- Never subject the device to extremely hot or cold environments as this can lead to malfunctioning of the device.

Product Specifications

Display

6.0 inch electronic ink screen, 800x600 pixels
Brightness: 200cd/m^2

Storage memory

Built in memory: 4Gb
Supports micro SD card up to 32GB (FAT32 format). We recommend using A-brand memory cards only, like Kingston.

Media File Format supported

Ebook: ANSI, unicode TXT, PDF, EPUB,PDB, FB2, HTML, RTF, MOBI
Photo: jpeg, bmp,gif, png

Connectivity

Data transfer: USB 2.0 High Speed
Power: USB jack

Miscellaneous

Clock / Date
Real time battery indication

Battery life

Reading – up to 20 hours
Standby time- 30 days

Charging

Power supply: 5.0V, 1.5A
Duration: 4 hours (approx)

Minimum system requirement (USB Mass Storage)

Microsoft® Windows® 2000, ME, XP, Vista, Win 7
MAC OS X and Linux.

Physical properties

Dimension: 167.5X 124.3X 8.3 (8.8)mm

Weight: 222.5 g

※ Design and specifications are subject to change without prior notice

Certification information

On FCC

This equipment has been tested and found to comply with limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in

residential installations. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY
UNAUTHORIZED MODIFICATIONS TO THE DEVICE. ANY SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

On CE

CE The symbol means that the unit complies with European safety and electrical interference directives.

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MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.

The device contains Adobe® The device® Mobile software under license from Adobe Systems Incorporated, Copyright © 1995-2009 Adobe Systems Incorporated. All rights reserved. Adobe and The device are trademarks of Adobe Systems Incorporated.

Disposal and Recycling Information

Your The device must be disposed of properly according to local laws and regulations.

Because this product contains a battery, the product must be disposed of separately from household waste. When your eBook the device reaches its end of life, contact your local authorities to learn about recycling options.

Battery Replacement:

The rechargeable battery in it should be replaced only by an authorized service provider.

This symbol on the product or in the instruction means that your electrical or electric equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU,For more information, please contact the local authority or your retailer where you purchased the product.

Disclaimer

All the information, design and specifications contained in this manual were correct at the time of publication. However, as the product is under continuously upgrading, the final device may have a slightly difference in appearance or modified functionality than presented in this manual. For the latest and most reliable information we refer you to our website www.icarusreader.com

This device contains Adobe Reader® Mobile technology by Adobe Systems Incorporated